

F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 214 (CENTRAL AVE.) AND MD 424 IN ANNE ARUNDEL COUNTY. MD 214 IS ASSUMED TO RUN IN AN EAST WEST DIRECTION.

THIS WORK IS NECESSITATED BY THE WIDENING OF THE NORTH LEG OF THE INTERSECTION AND WILL CONSIST OF THE INSTALLATION OF DETECTION, CONDUIT, WIRING AND HANDHOLES.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

CONTROLLER REQUIREMENTS

THE EXISTING POLE MOUNTED, EIGHT-PHASE CONTROLLER WILL BE USED.

SPECIAL NOTES

THE CONTRACTOR SHALL CONTACT MR. EDWARD RODENHIZER AT (410) 787-7652 72 HOURS PRIOR TO WORKING IN THE EXISTING CABINET.

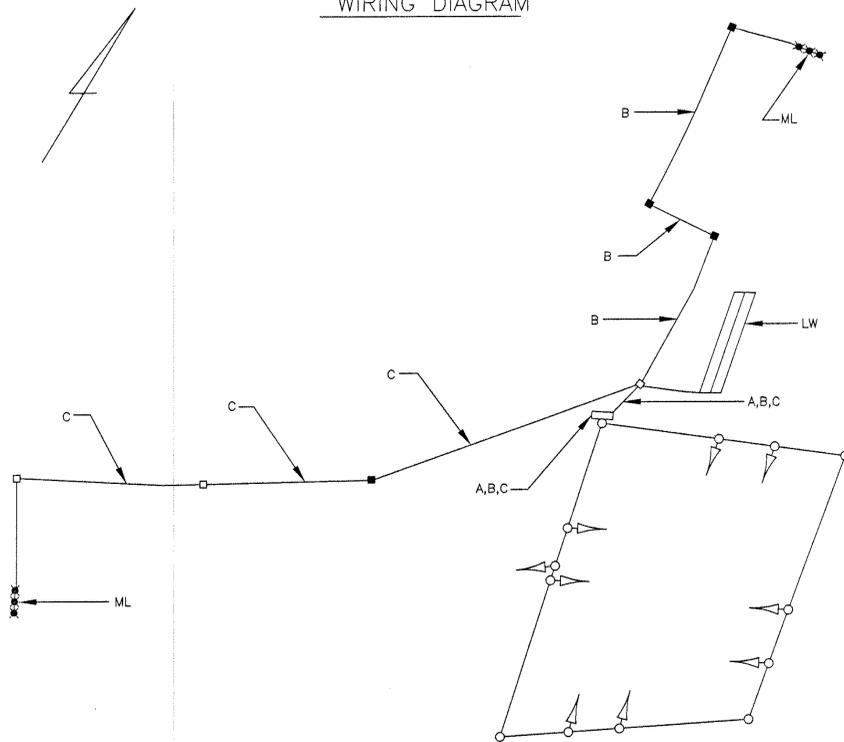
EQUIPMENT LIST

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
5010	15 L.F.	24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE
5013	15 L.F.	REMOVE EXISTING PAVEMENT MARKINGS
8016	2 EACH	FURNISH AND INSTALL MICRO-LOOP PROBE WITH 500 FT. LEAD-IN
8021	180 L.F.	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)
8023	30 L.F.	FURNISH AND INSTALL 1 IN. LIQUID-TIGHT NON-METALLIC CONDUIT (DETECTOR SLEEVE)
8024	170 L.F.	FURNISH AND INSTALL 2 IN. SCHEDULE 80, RIGID PVC CONDUIT (TRENCHED)
8025	130 L.F.	FURNISH AND INSTALL 2 IN. SCHEDULE 80, RIGID PVC CONDUIT (BORED)
8033	3 EACH	FURNISH AND INSTALL HANDHOLE
8040	440 L.F.	FURNISH AND INSTALL LOOP WIRE ENCASED IN 1/4 IN. FLEXIBLE TUBING
8041	40 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 2-CONDUCTOR (ALUMINUM SHIELDED)
8051	40 L.F.	FURNISH AND INSTALL WOOD SIGN SUPPORTS - 4 IN. X 4 IN.
----	1 EACH	FURNISH AND INSTALL TYPE 1 OBJECT MARKER (18 IN. X 18 IN.)
----	1 EACH	FURNISH AND INSTALL R1-1 SIGN (30 IN. X 30 IN.)
----	2 EACH	FURNISH AND INSTALL R5-1 SIGN (30 IN. X 30 IN.)
----	1 EACH	ADJUST HANDHOLE TO NEW GRADE

NOTE: ITEM NUMBERS CORRESPOND TO MSHA AREAWIDE CONTRACT

WIRING DIAGRAM



WIRING KEY

- A } 2-CONDUCTOR ELECTRICAL CABLE (ALUMINUM SHIELDED)
- B } MICRO-LOOP PROBE LEAD-IN
- C } MICRO-LOOP PROBE
- ML } MICRO-LOOP PROBE
- LW } LOOP WIRE

NOTE: UNLESS OTHERWISE NOTED, ALL EXISTING WIRING WILL BE USED.

TRAFFIC CONCEPTS, INC.

Brightview Business Center
8258 Veterans Highway
Suite 19B
Millersville, MD 21108
(410) 987-0427

REVISIONS	APPROVALS
	ASSISTANT DIVISION CHIEF
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENG. DESIGN DIV.
	DIR., OFFICE OF TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION SHEET
MD 214 (CENTRAL AVE.) AND MD 424

DATE: 7-15-99	DRAWN BY: T. ZAYDEL	F.A.P. NO. _____	PLAN SHEET NO.: 1538A GI	SHEET NO. 2 OF 2
SCALE: NONE	DESIGNED BY: T. ZAYDEL	S.H.A. NO. _____		
APPROVED BY: _____	CHECKED BY: K. SCHMID	COUNTY: ANNE ARUNDEL		